

INTERNATIONAL SEARCH REPORT

Application No
GB2004/005174

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60D1/04 B60D1/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 4 721 324 A (BLACKLAW WILLIAM) 26 January 1988 (1988-01-26) figure 1 | 1-10 |
| A | DE 17 28 698 U (ADE WERK GMBH) 23 August 1956 (1956-08-23) figure 1 | 1-10 |
| A | US 5 713 691 A (SOLBERG GLENN S) 3 February 1998 (1998-02-03) figures 8,10 | 1-10 |
| A | US 4 953 883 A (HELIE SIMON) 4 September 1990 (1990-09-04) figures 2,3 | 1-10 |
| | | -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

| | |
|--|--|
| Date of the actual completion of the International search | Date of mailing of the International search report |
| 8 March 2005 | 17/03/2005 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Authorized officer Dauvergne, B |

INTERNATIONAL SEARCH REPORT

Application No
B2004/005174

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | GB 729 492 A (NAT RES DEV) 4 May 1955 (1955-05-04) figure 3 ----- | 1-10 |
| A | US 6 047 982 A (HALL LARRY D ET AL) 11 April 2000 (2000-04-11) figures 8-11 ----- | 1-10 |

INTERNATIONAL SEARCH REPORT

Application No
GB2004/005174

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|---|------------------|------|-------------------------|--|------------------|
| US 4721324 | A | 26-01-1988 | CA | 1290778 C | | 15-10-1991 |
| DE 1728698 | U | 23-08-1956 | NONE | | | |
| US 5713691 | A | 03-02-1998 | CA | 2130931 A1 | | 24-02-1995 |
| | | | US | 6854756 B1 | | 15-02-2005 |
| | | | US | 6352278 B1 | | 05-03-2002 |
| US 4953883 | A | 04-09-1990 | NONE | | | |
| GB 729492 | A | 04-05-1955 | NONE | | | |
| US 6047982 | A | 11-04-2000 | NONE | | | |